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**From:** Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]  
**Sent:** 9/29/2020 1:59:12 PM  
**To:** Contreras, Peter [Contreras.Peter@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]  
**CC:** Barber, Anthony [Barber.Anthony@epa.gov]; Burgess, Karen [Burgess.Karen@epa.gov]  
**Subject:** RE: Umatilla Letter from Oregon

**Flag:** Follow up

Thanks Peter, the ODEQ letter gave me a better sense of the data that are available. As I understand it, you are interested in determining:

- whether the wells for which nitrate data are available are representative of the overall well population for which nitrate data is lacking? I believe our Statistics & Data Analytics Advisory Group could suggest the appropriate statistical test to answer this question or actually perform the test provided we have access to the data.
- whether LSASD could use the existing hydrogeology data to help understand the movement of nitrate contaminated groundwater in the LUB GWMA. We should have the ability to do this but of course we'd need to see the data that are available first.

Please let me know if I've captured your questions correctly and if there are other questions you would like us to answer as well.

Thanks

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**From:** Contreras, Peter <Contreras.Peter@epa.gov>  
**Sent:** Monday, September 28, 2020 8:36 AM  
**To:** Szerlog, Michael <Szerlog.Michael@epa.gov>; Anderson-Carnahan, Linda <Anderson-Carnahan.Linda@epa.gov>  
**Cc:** Barber, Anthony <Barber.Anthony@epa.gov>  
**Subject:** Umatilla Letter from Oregon

Here is the letter we received from Oregon on Umatilla Nitrates matter.

**Peter Contreras** | Chief  
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